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A. D. Kulkarni, P. Byars

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Douglas A. Aberdeen, Jonathan Baxter, Robert Edwards

November 2000

Proceedings of the 2000 ACM/IEEE conference on Supercomp

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Keywords: neural-network, Linux cluster, matrix-multiply

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Radek Grzeszczuk, Demetri Terzopoulos, Geoffrey Hinton

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Keywords: backpropagation, dynamical systems, learning, motion control, ne simulation

5 Neural network simulation on shared-memory vector multiprocessors

C.-J. Wang, C.-H. Wu, S. Sivasindaram

August 1989

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6 Protein classification using a neural network database system

Cathy H. Wu, Adisorn Epidemiology, Tzx-Chung Chang

May 1991

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Kenneth M. Lane, Richard D. Neidinger

March 1995 ACM SIGAPL APL Quote Quad, Volume 25 Issue 3

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9 Pareto-optimal formulations for cost versus colorimetric accuracy trade-offs

D. J. Littlewood, P. A. Drakopoulos, G. Subbarayan

April 2002 ACM Transactions on Graphics (TOG), Volume 21 Issue 2

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Color management for the printing of digital images is a challenging task, due to the presence of redundant solutions for print devices with more than three image data to printer-specific format are typically designed to achieve a single colorimetric accuracy. In the present paper we present two CIELAB to CMYK color general Pareto-optimal formul ...

Keywords: Artificial Neural Networks, CMYK, Color Conversion, Color Fidelity, Printing, Color Space Transformation, Optimization, Pareto-optimization, Tetra

10 Generalized additive neural networks

William J. E. Potts

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Keywords: additive models, partial residuals, predictive modeling

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Cathy H. Wu, Jerry W. McLarty, George M. Whitson


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12 A training algorithm for optimal margin classifiers

Bernhard E. Boser, Isabelle M. Guyon, Vladimir N. Vapnik

July 1992 Proceedings of the fifth annual workshop on Computational learning

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13 Synthetic aperture radar image formation with neural networks

Ted Frison, S. Walt McCandless, Robert Renze

May 1991 Proceedings of the conference on Analysis of neural network applications

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14 Combining multi-visual features for efficient indexing in a large image database

Anne H. H. Ngu, Quan Z. Sheng, Du Q. Huynh, Ron Lei

April 2001 The VLDB Journal — The International Journal on Very Large Databases

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Keywords: High-dimensional indexing, Image retrieval, Neural network

15 Audio-visual speech recognition using red exclusion and neural networks

Trent W. Lewis, David M. W. Powers

January 2002 Australian Computer Science Communications , Proceedings of the 10th Australian Computer science - Volume 4, Volume 24 Issue 1

Full text available:  pdf(984.26 KB)

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Automatic speech recognition (ASR) performs well under restricted conditions. Audio-Visual Speech Recognition (AVSR) combats this by incorporating visual information. This paper briefly reviews the contribution of psycholinguistics to machine AVSR. An important first step in AVSR is that of feature extraction from the visual input. The method developed by the authors is briefly presented.

Keywords: audio-visual speech recognition, neural networks, sensor fusion

16 A QoS-Provisioning neural fuzzy connection admission controller for multi

Ray-Guang Cheng, Chung-Ju Chang, Li-Fong Lin

February 1999

IEEE/ACM Transactions on Networking (TON), Volume 7 Issue

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17 Technique for automatically correcting words in text

Karen Kukich

December 1992

ACM Computing Surveys (CSUR), Volume 24 Issue 4

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Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent checking, natural-language-processing models, neural net classifiers, spell checker error patterns, statistical-language models, word recognition and correction

18 Analysis of a biologically motivated neural network for character recognition

M. D. Garris, R. A. Wilkinson, C. L. Wilson

May 1991 Proceedings of the conference on Analysis of neural network applications

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Additional Information: full citation, references, index terms

19 Session 5A: Artificial intelligence: Artificial neural network-based image pattern

Hong Zhang, Jian Guan, Gwong C. Sun

April 1992


Proceedings of the 30th annual Southeast regional conference

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Keywords: back propagation, neural network, pattern recognition, standardization




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Dieter Merkl, Erich Schweighofer
June 1997 Proceedings of the sixth international conference on Artificial intelligence
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